



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant** 

Philip KLIPSTEIN

Serial No.

10/561,729

Filed

December 22, 2005

Title

DEPLETION-LESS PHOTODIODE WITH SUPPRESSED DARK

CURRENT AND METHOD FOR PRODUCING THE SAME

Art Unit

To Be Assigned

Examiner

To Be Assigned

745 Fifth Avenue New York, NY 10151

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 2, 2006.

William S. Frommer, Reg. No. 25,506

Name of Applicant, Assignee or Registered Representative

Signature

May 2, 2006

Date of Signature

## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir

In compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, Applicant is filing this Information Disclosure Statement and the accompanying form PTO-1449 along with copies of the prior art therein identified. So far as Applicant is aware, this Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits.

The filing of this Information Disclosure Statement is not an admission that the documents identified herein constitute prior art to the present application.

It is believed that no fees are required by the instant submission as it is prior to receipt of the first Office Action in this application. However, if any fees are required, or if any overpayment has been made, please charge Deposit Acct. No. 50-0320.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP Attorney for Applicants

William S. Fromme

Reg. No. 25,506 (212) 588-0800

Encs. - PTO Form 1449 - References (3)

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/561,279		
Filing Date	December 22, 2005		
First Named Inventor	KLIPSTEIN, Philip		
Art Unit	To Be Assigned		
Examiner Name	To Be Assigned		
Attorney Docket Number	456110-2360		

		• • •	U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 4 740 819	26 Apr 1988	Kawata Masahiko et al	
		<sup>US-</sup> 6 117 702	12 Sep 2000	Kyozuka Shinya et al	
		US-			
		US-		· ·	
		US-			
·	İ	US-			
		US-			
		US-			
		US-			
	1	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>t</sup>
		WO 02/084740	10/24/2002	Epir Ltd		
						L
						L
						<u> </u>
	<u> </u>				<u> </u>	上
					j	

Examiner	Date	
Signature	Conside	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. The Formance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. The Formance and not considered, whether or not citation is not in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Applicant is two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Right the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO	Complete if Known		
Sassitute to total 14437 10	Application Number	10/561,279	
INFORMATION DISCLOSURE	Filing Date	December 22, 2005	
STATEMENT BY APPLICANT	First Named Inventor	KLIPSTEIN, Philip	
(Use as many sheets as necessary)	Art Unit	To Be Assigned	
(Use as many sneets as necessary)	Examiner Name	To Be Assigned	
Sheet 2 of 2	Attorney Docket Number	456110-2360	

	NON PATENT LITERATURE DOCUMENTS	
Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	Park J et al: "Reduction of darkstructure", Solid State Electronics, Elsevier Science Publishers, vol.46, no.5, May 2002, pp651-654, XP004346693	
	Watanabe I et al: "Extremely low darkAPD", Proceedings of the Int'l Conf. on Indium Phosphide and Related Materials, vol. Conf.4, 21 Apr 1992, pp246-249, XP010058406	
	·	,
		No. the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  Park J et al: "Reduction of darkstructure", Solid State Electronics, Elsevier Science Publishers, vol.46, no.5, May 2002, pp651-654, XP004346693  Watanabe I et al: "Extremely low darkAPD", Proceedings of the Int'l Conf. on Indium

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.